

#2

257
0103

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/004,633

DATE: 01/17/2002

TIME: 17:53:58

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1 <110> APPLICANT: Levinson, Douglas A.
2   Lloyd, Clare M.
3   McCarthy, Sean A.
4 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT AND
5   DIAGNOSIS OF IMMUNE DISORDERS
6 <130> FILE REFERENCE: 7853-125
7 <140> CURRENT APPLICATION NUMBER: US/10/004,633
8 <141> CURRENT FILING DATE: 2001-12-04
9 <150> PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 09/324,986
W--> 10 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1999-06-02
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W--> 16 <151> PRIOR FILING DATE: EARLIER FILING DATE: 1995-03-05
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27   tagcaggatg ggggagattt ggcaataagt cagctccctc tgaaactctg agagaagtca 180
28   acatcactgt catagacaga aaaatctgca atgatgaaaa acactataat ttcatcctg 240
29   taattggtct aaacatgatt tgggcagggg acctccccgg cggaaaggac tcctgcaatg 300
30   gggattctgg cagccctctc ctatgtgatt ggtatttggg aagcatcacc tcctttt 357
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39   gggcagtaaa tcgtcctggg gtctggaaaa tgaggcttta attgtgagat gcccccaaag 180
40   aggacgctcg acttatcctg tggaatggta ttactcagat acaaattgaa gtattcctac 240
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46 <213> ORGANISM: Mus musculus

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50   tttgcaccga ccaatctcca atctcctgta agattcaaaa gggcaagcaa gaggcgggtga 180
51   ccgttcacga aagctaaaat cccatgctat tgaacatgaa gacttctgat gcttaaattct 240
52   cattaactgc ttaagtacac tcccaggagc ttggatccca acttctagca gtaatagtct 300
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W--> 95   agcaaggcac tctccaggnn cagcaagtgg attcccattt cctgctgagg gcgggttcac 180
96   actgagactg cactccagtc agcgggagga atcacctgca ttaatgcttg tcctctgcag 240

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97      agctagtgtg ccttccactc tgggtacact tgggtgtcaa catttcaaaa tgatgacct 300
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99      ttttctttca gcactagtgt cttggccctt aactaaaacg ggttccatca tcctccaaac 420
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105 <213> ORGANISM: Mus musculus
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108 <222> LOCATION: all "n" positions
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W--> 113     agtgcagttt aatcancccc attaccttat gaccttggtt ggcaatgtct ctaaagcttt 180
114     aaaattaaaa taaaattaaa aagatgggtt tccatctcat aaaatcccct ttgggaatgg 240
W--> 115     aagacttcct ctttggggtn ttttttagag ggaacaggag gtaactgtta attatttata 300
W--> 116     cattctaata aaccatgaat gcaccacata aaatactgta ctcgggggagc aaacactgtn 360
117     tggggggggt ctctcttacc agaaggaaca gggggccttt caatggctgt gggc 414
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125 <222> LOCATION: all "n" positions
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W--> 130     gtatgccacc aatncccggc cttaatatat tnntaaacaa cttcatttga atganatatt 180
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183  ctctctataa catgtatctc tacaggactc tcctctgcct ctggttaagac atgagtggga 1920
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208 Ala Asn Ile Gly Ser Leu Cys Val Ser Phe Leu Gln Ala Lys Lys Glu
209 35 40 45
210 Asn Glu Leu Gly Ile Tyr Leu Phe Ser Leu Ser Leu Ser Asp Leu Leu
211 50 55 60
212 Tyr Ala Leu Thr Leu Pro Leu Trp Ile Asn Tyr Thr Trp Asn Lys Asp
213 65 70 75 80
214 Asn Trp Thr Phe Ser Pro Thr Leu Cys Lys Gly Ser Val Phe Phe Thr
215 85 90 95
216 Tyr Met Asn Phe Tyr Ser Ser Thr Ala Phe Leu Thr Cys Ile Ala Leu
217 100 105 110
218 Asp Arg Tyr Leu Ala Val Val Tyr Pro Leu Lys Phe Ser Phe Leu Arg
219 115 120 125
220 Thr Arg Arg Phe Ala Phe Ile Thr Ser Leu Ser Ile Trp Ile Leu Glu
221 130 135 140
222 Ser Phe Phe Asn Ser Met Leu Leu Trp Lys Asp Glu Thr Ser Val Glu
223 145 150 155 160
224 Tyr Cys Asp Ser Asp Lys Ser Asn Phe Thr Leu Cys Tyr Asp Lys Tyr
225 165 170 175
226 Pro Leu Glu Lys Trp Gln Ile Asn Leu Asn Leu Phe Arg Thr Cys Met
227 180 185 190
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229 195 200 205
230 Tyr Arg Ala Val Arg His Asn Gln Ala Thr Glu Asn Ser Glu Lys Arg
231 210 215 220
232 Arg Ile Ile Lys Leu Leu Ala Ser Ile Thr Leu Thr Phe Val Leu Cys
233 225 230 235 240
234 Phe Thr Pro Phe His Val Met Val Leu Ile Arg Cys Val Leu Glu Arg
235 245 250 255
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237 260 265 270
238 Arg Val Thr Val Ala Leu Thr Ser Leu Asn Cys Val Ala Asp Pro Ile
239 275 280 285
240 Leu Tyr Cys Phe Val Thr Glu Thr Gly Arg Ala Asp Met Trp Asn Ile
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